(19) World Intellectual Property

Organization
International Bureau



(43) International Publication Date 15 April 2004 (15.04.2004)

PCT

(10) International Publication Number WO 2004/030765 A1

(51) International Patent Classification⁷: A6 18/02, 18/04

A62B 17/04,

(21) International Application Number:

PCT/IL2003/000778

(22) International Filing Date:

29 September 2003 (29.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

152060

2 October 2002 (02.10.2002) I

(71) Applicant and

(72) Inventor: PORAT, Michael [IL/IL]; 52 Hamitnadev Street, Afeka, 69690 Tel Aviv (IL).

(74) Agents: THEE, Alfred et al.; Seligsohn Gabrieli Levit & Co., P.O.B. 1426, 61013 Tel Aviv (IL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

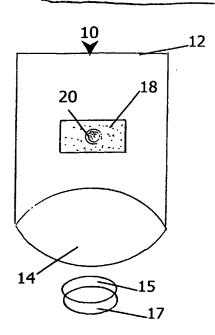
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: EMERGENCY ESCAPE MASK



(57) Abstract: An escape mask that enables one to breathe filtered air comprising, A. a foldable pocket size hood to cover the entire head, comprising: 1. a bag made of transparent plastic film material impermeable to gases, 2. a multi-layered filter assembly containing at lest one filter layer containing an antiseptic effective against microorganisms and at least one filter layer containing activated charcoal, said filter assembly being adhered to the bag over an aperture in the bag in the area where the mouth and nose would be for someone wearing the mask, 3. an exhalation valve embedded in the filter assembly, and B. separate sealing means, not connected to the bag, to seal the bag around the neck, enabling adjusting the bag over the head to reduce the free space inside the hood and to adjust the exhalation valve against the lips.